# **Geological Report**

American Warrior, Inc. Blaesi #6-6 893' FSL & 2298' FEL Sec. 6, T15s, R41w Wallace County, Kansas



American Warrior, Inc.

General Data						
Well Data:	American Warrior, Inc. Blaesi #6-6 893' FSL & 2298' FEL Sec. 6, T15s, R41w Wallace County, Kansas API # 15-199-20413-00-00					
Drilling Contractor:	Duke Drilling Co. Rig #9					
Geologist:	Kevin Timson					
Spud Date:	September 23, 2014					
Completion Date:	October 2, 2014					
Elevation	3782' G.L. 3795' K.B.					
Directions:	From Tribune, KS. Go North on Hwy 27 to Greeley/Wallace County line. Go West on Arrowhead Rd 9 miles to 9 Rd. Go North 4 miles to Field Rd. West half mile and North into.					
Casing:	440' 8 5/8" #24 Surface Casing					
Samples:	4000' to RTD 10' Wet & Dry					
Drilling Time:	4000' to RTD					
Electric Logs:	Pioneer Energy Services "D. Fischer" Stack-Micro					
Drillstem Tests:	Two-Trilobite Testing "Brandon Turley"					
Problems:	None					

# **Formation Tops**

Blaesi #6-6 Sec. 6, T15s, R41w 893' FSL & 2298' FEL

Anhydrite	2758' -1037
Base	2802' -993
Heebner	4054' -259
Lansing	4217' -422
Stark	4438' -643
Bkc	4556' -761
Marmaton	4569' -774
Pawnee	4664' -869
Fort Scott	4716' -921
Cherokee	4728' -933
Morrow	5005' -1210
St. Gen	5093' -1298
St. Louis	5112' -1317
RTD	5300' -1505
LTD	5302' -1507

## **Sample Zone Descriptions**

Morrow (5005',-1210): Covered in DST #1 & #2

Ss. Grey. Dirty. Fine to coarse grain. Well to poorly sorted. Sub-angular. Well cemented. Poor stain. Poor saturation. No show of free oil. Poor odor. 79 unit hotwire.

#### **Drill Stem Tests**

Trilobite Testing

"Brandon Turley"

Mo	orrow				
Inte	Interval (4930'- 5010') Anchor Length 80'				
IH	P -2682 #				
IFF	• - 30" – WSB died in 7 min	57-49#			
ISI	- 30" – No return	79 #			
FF	P - 10" – No blow	51-47 #			
FS	IP - Pull Tool	NA			
FH	P - 2428 #				
BH	T - 128° F				
Re	covery: 5' Mud				
Mo	<u>Morrow</u>				
Inte	Interval (4951' - 5050') Anchor Length 99'				
IH	P - 2497 #				
IFI	- 30" - 1/4" blow built to 2"	29-34 #			
ISI	- 30" - No return	68 #			
FF	P - 30" - WSB built to 1/2"	35-39 #			
FS	IP -30" - No return	49 #			
FH	P - 2473 #				

BHT - 126° F

**DST #1** 

**DST #2** 

Recovery: 30' Mud

#### **Structural Comparison**

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Formation	American Warrior, Inc. Blaesi #6-6 Sec. 6, T15s, R41w 893' FSL & 2298' FEL		American Warrior, Inc. Blaesi #5-6 Sec. 6, T15s, R41w 1170' FSL & 1523' FEL	1	Pelican Hill Oil Blaesi #2-6 Sec 6, T15s, R41w 260' FSL & 450' FEL
Heebner	4054' -259	+6	4057' -265	NA	NA
Lansing	4217' -422	+4	4218' -426	NA	NA
Stark	4438' -643	+5	4440' -648	NA	NA
BKC	4556' -761	+5	4558' -766	NA	NA
Marmaton	4569' -774	+4	4570' -778	NA	NA
Pawnee	4664' -869	-1	4660' -868	-7	4634' -862
Fort Scott	4716' -921	-3	4710' -918	-9	4684' -912
Cherokee	4728' -933	-3	4722' -930	-3	4702' -930
Morrow	5005' -1210	-41	4961' -1169	-48	4934' -1162
Miss	5093' -1298	+50	5140' -1348	NA	NA

## Summary

The location for the Blaesi #6-6 well was found via 3-D seismic survey. The new well ran structurally lower than expected. Two drill stem tests were conducted, which did not recover commercial quantities of oil. After all the gathered data had been examined, the decision was made to plug and abandon the Blaesi #6-6 well.

Respectfully Submitted,

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Kevin Timson American Warrior, Inc.